

HMV Series

Water Supply & Pressure Pumps
VSD Vertical Multistage Pumps



Made in Italy by Pentax Pumps

Overview

The HMV Series are variable speed drive Stainless steel multistage vertical pumps. Designed for pumping clean non-loaded fluids for pressurising systems: irrigation, drinking and glycol water, water treatment, heating and air conditioning, and washing systems.

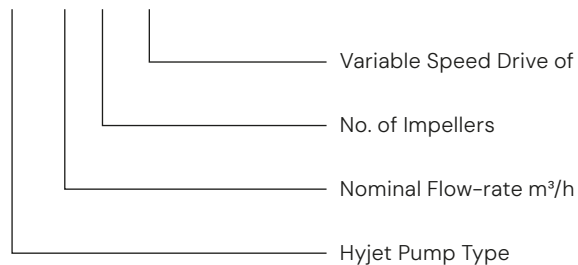
The HMV Series are at the pinnacle of quality and innovation. Driven by the E1 – E318 Variable Speed Drives, they are efficient to run and all manufactured in Italy.

Features

- Pump Body: Stainless Steel AISI304
- Impeller: Stainless Steel AISI304
- Mechanical Seal:
 - Ceramic / Graphite < 6
 - Impellers Graphite / Silicone Carbide < 7 Impellers
- Liquid Temperature: -15 to 110°C
- Max Operating Pressure:
 - 8.5 bar < 6 impellers
 - 14 bar < 7 impellers
- Motor: 2 Pole Induction with Thermal Protection
- Insulation: Class F
- Protection: IP44

Identification Codes

HM 5-7-E1



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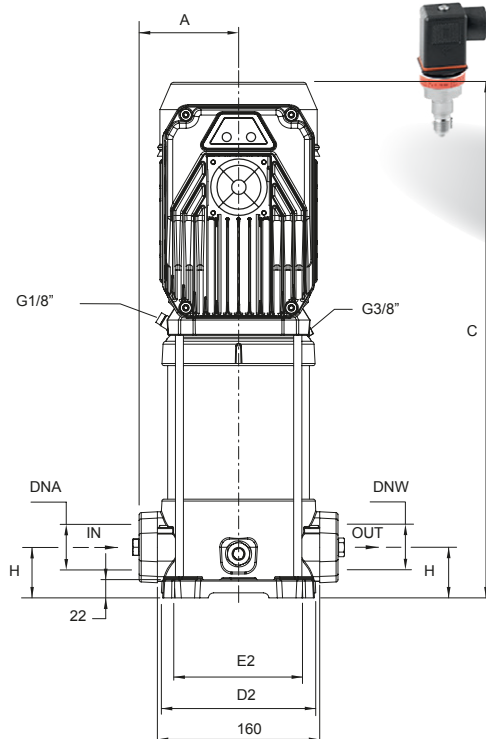
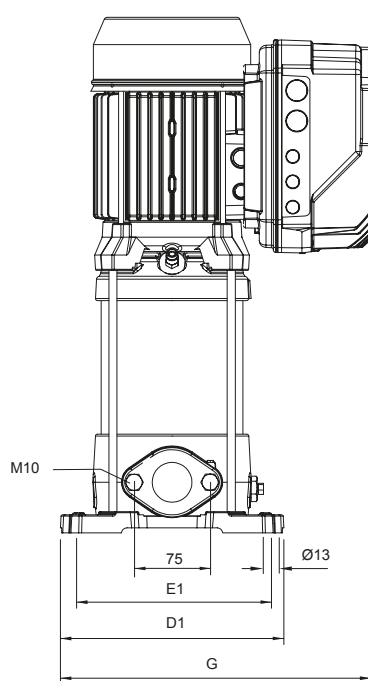


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Dimensions

Model	Dimensions (mm)								DNA	DNM	Kg
	A	C	D1	D2	E1	E2	G	H			
HMV3-7-E1	98	537	220	150	180	100	228	50	32mm	32mm	23.0
HMV3-9-E1	98	585	220	150	180	100	228	50	1½"	1½"	25.0



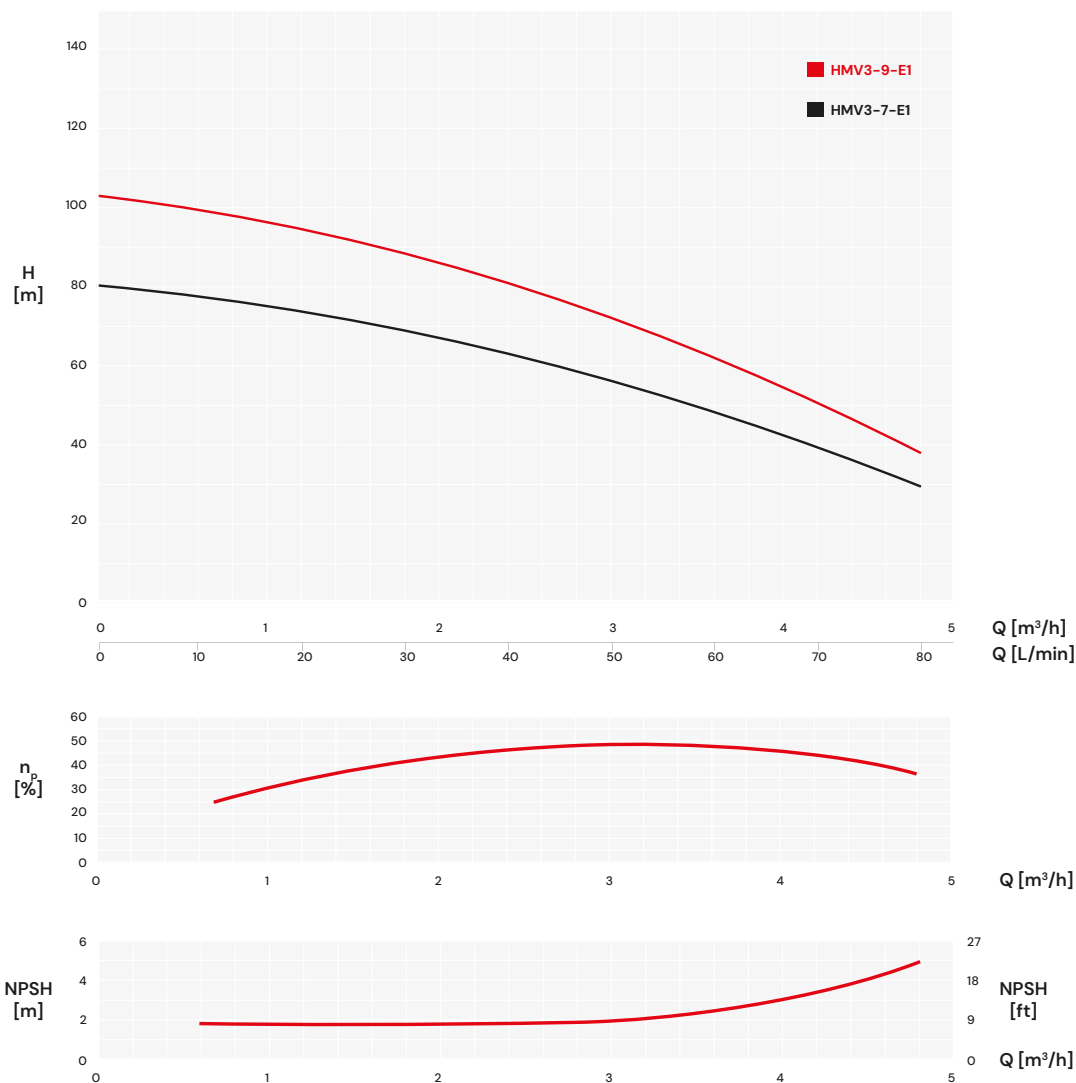
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Performance



Technical Data

Type	P2		Ampere	Q (m³/h - l/min)						
			1~	0	0.6	1.2	1.8	2.4	3.6	4.8
				0	10	20	30	40	60	80
1~	(HP)	(kW)	1x230V 50 Hz	H (m)						
HMV3-7-E1	1.5	1.1	6.4	80.1	77.7	74.2	69.1	63.3	48.8	30
HMV3-9-E1	2	1.5	7.7	103	99.9	95.4	88.8	81.4	62.7	38.6



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Residential


Irrigation


Agriculture


Commercial

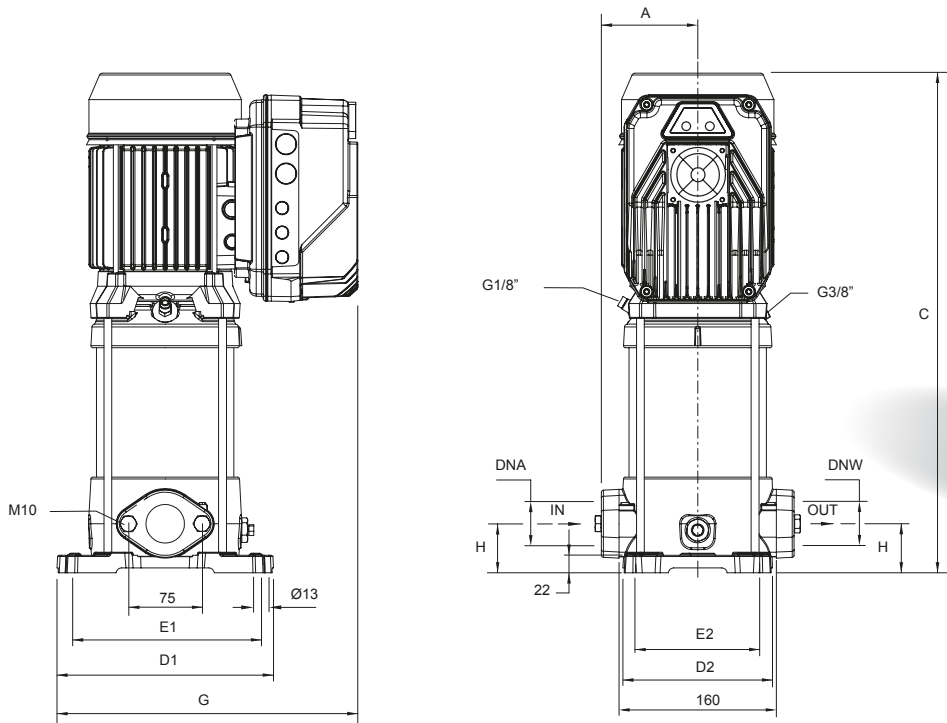

Industrial


HYJET PUMPS
2 YEAR WARRANTY


AS4020
Certified for potable water

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HMV5

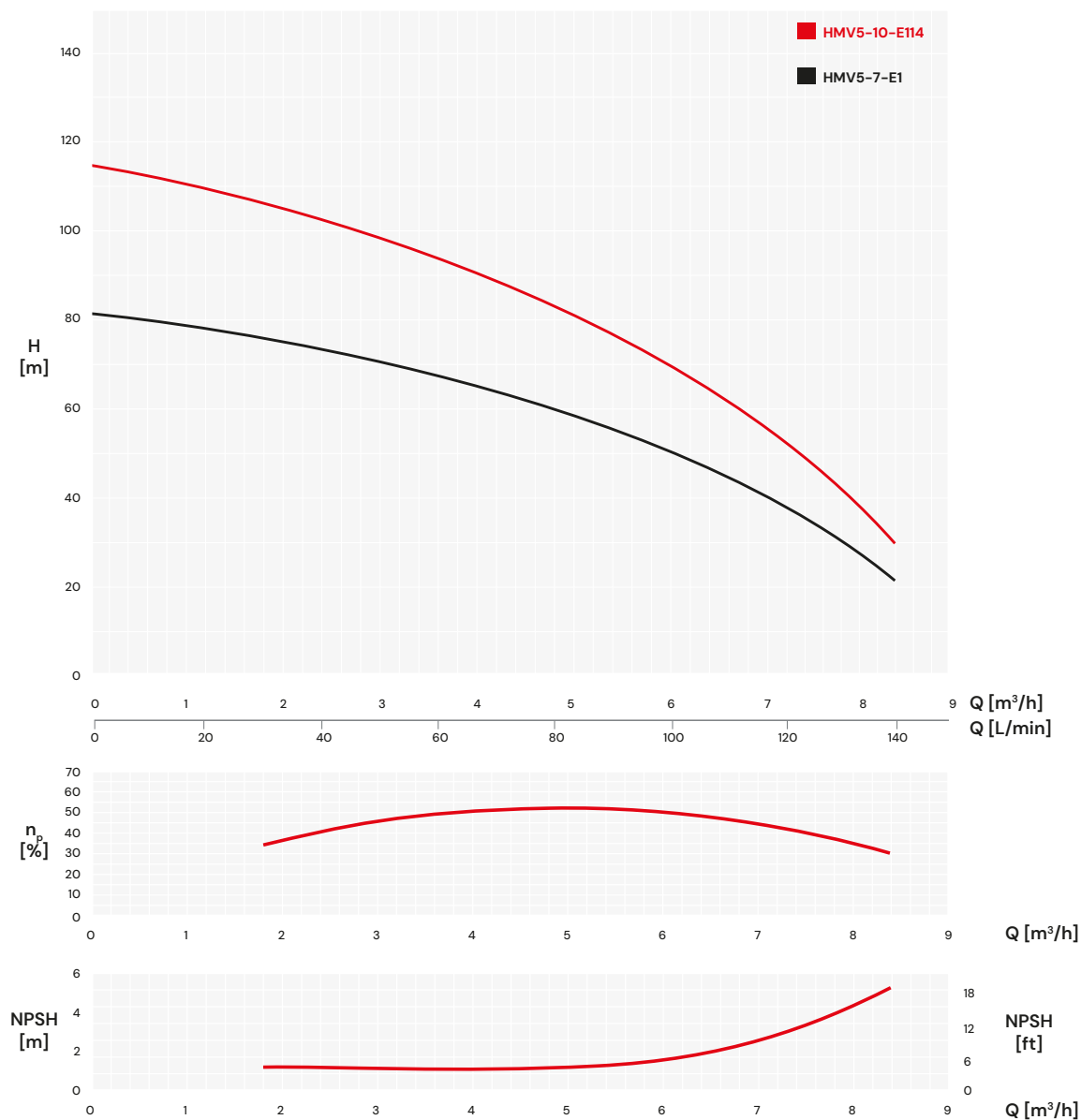


Dimensions

Model	Dimensions (mm)									DNA	DNM
	A	A1	C	D1	D2	E1	E2	G	H		
HMV5-7-E1	98	90	537	220	150	180	100	228	50	32mm	32mm
HMV5-10-E114	98	90	664	220	150	180	100	236	50	1¼"	1¼"



Performance



Technical Data

Type	P2		Ampere	Q (L/min)							
				0	1.8	2.4	3.6	4.8	6.0	7.2	8.4
				0	30	40	60	80	100	120	140
	(HP)	(kW)	1x230V	H (m)							
HMV5-7-E1	2	1.5	8.7	81	75.5	73	67.4	60.3	51	38.6	21
HMV5-10-E114	3	2.2	11.9	114.2	106.4	102.9	95.2	85.2	72.0	53.3	30

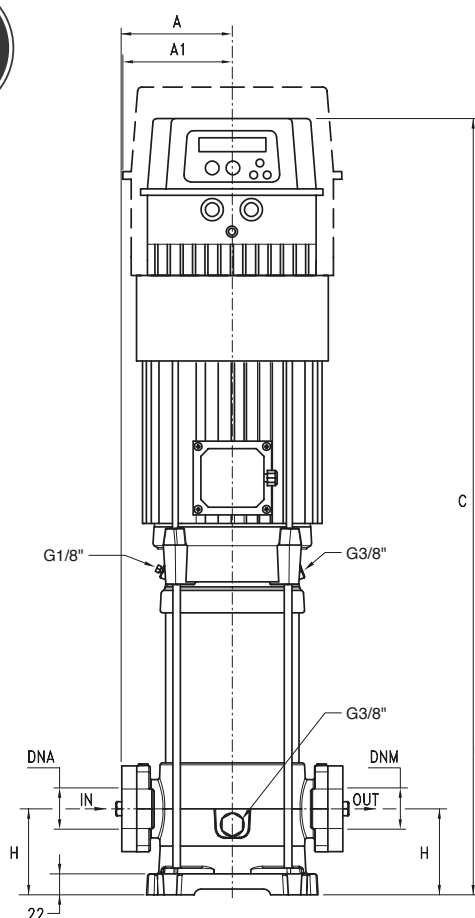
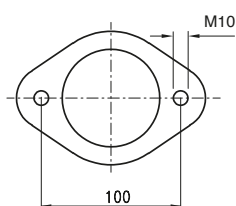
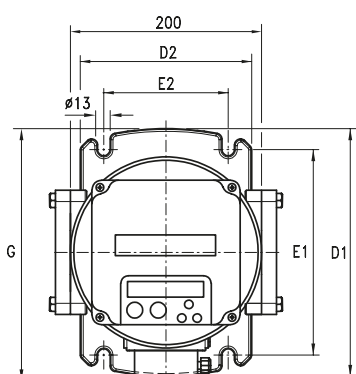


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Model	Dimensions (mm)									DNA	DNM
	A	A1	C	D1	D2	E1	E2	G	H		
HMV9-6-E114	118	90	821	260	180	215	130	256	80	40mm	40mm
HMV9-7-E309	118	90	856	260	180	215	130	261	80	40mm	40mm
HMV9-10-E311	118	90	976	260	180	215	130	271	80	1½G	1½G



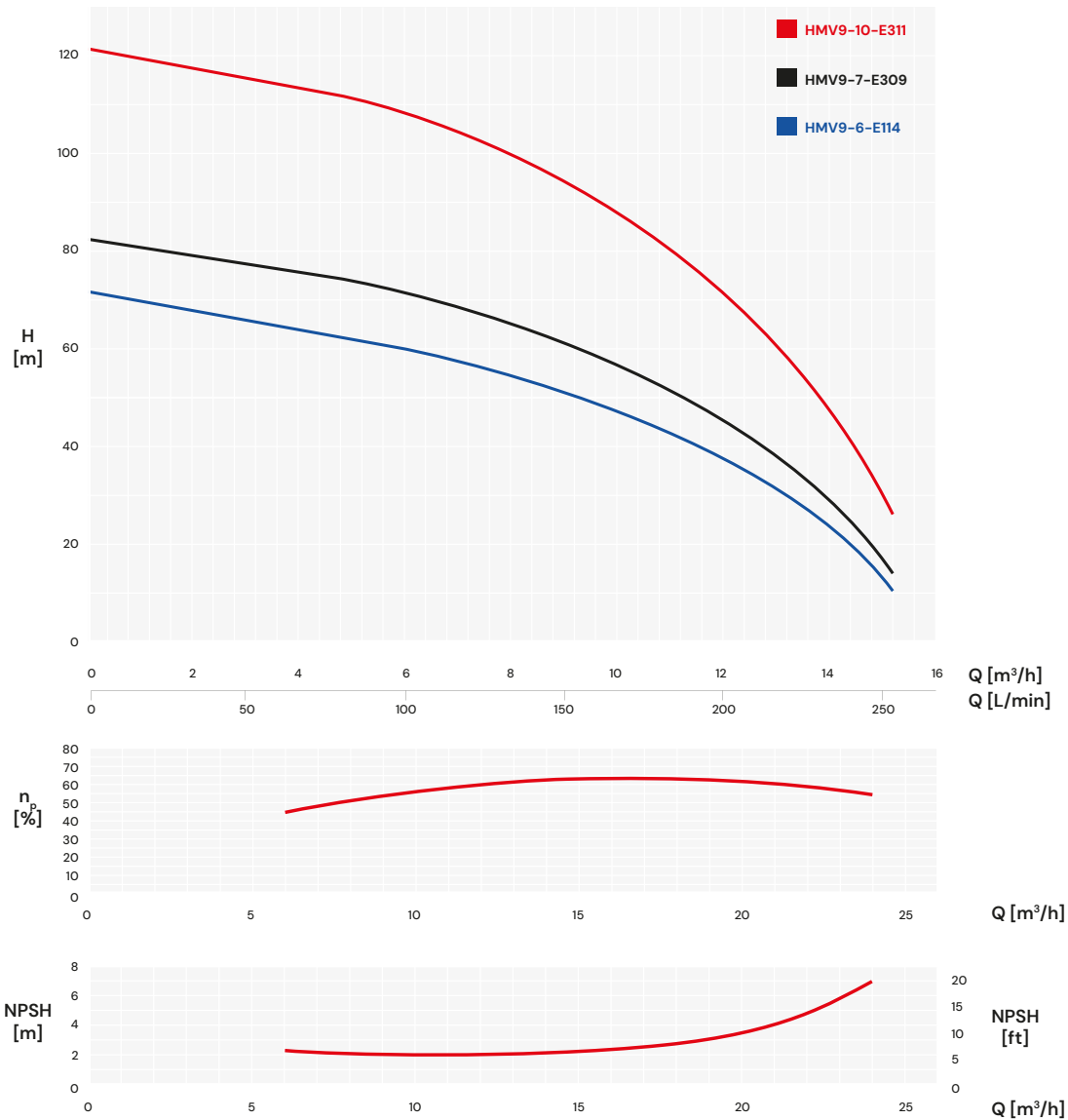
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Type	P2		Ampere		Q (L/min)											
					0	60	80	100	120	140	160	180	200	220	240	260
	(HP)	(kW)	230V	415V	H (m)											
HMV9-6-E114	3	2.2	12.5		71.8	64.9	63	59.9	57	53.7	49.7	44.3	37	29.5	20.8	11.1
HMV9-7-E309	4	3		5.8	83.3	76.7	74.9	71.8	68.3	64.6	59.9	53.5	44.8	35.9	25.7	14.3
HMV9-10-E311	5.5	4		8.3	122	112.8	110.5	106.5	102.2	97.3	91.6	82.8	70.7	57.1	42.3	26.5

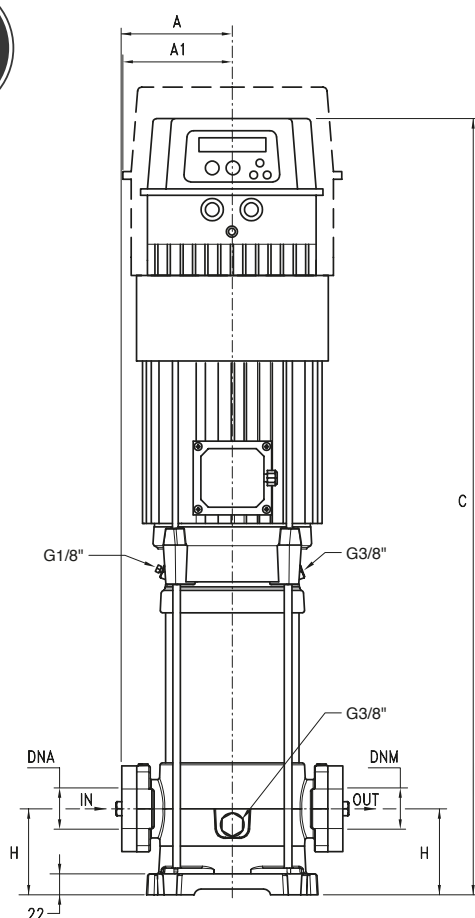
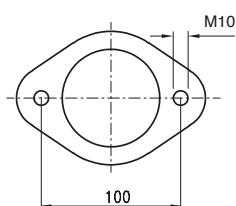
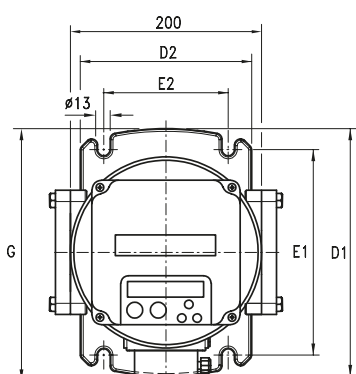


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HMV18

Dimensions

Model	Dimensions (mm)								DNA	DNM
	A	C	D1	D2	E1	E2	G	H		
HMV18-4-E114	118	603	260	180	215	130	257	90	2"G	2"G
HMV18-6-E311	118	718	260	180	215	130	251	90	50mm	50mm
HMV18-9-E318	118	893	260	180	215	130	280	90	50mm	50mm



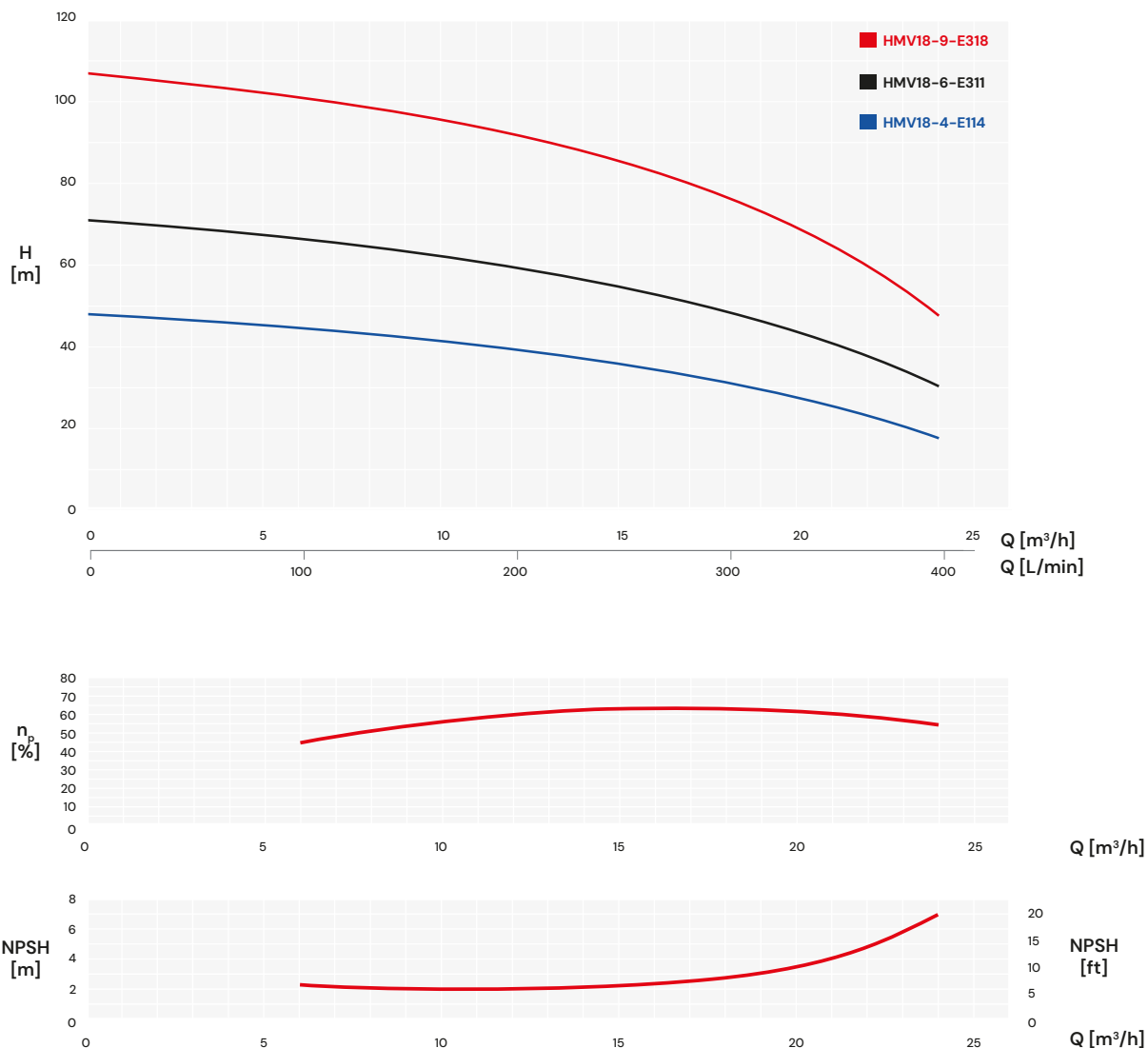
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Technical Data

Type	P2		Amps	Q (L/min)									
				0	6	7.2	9.6	12.0	14.4	16.6	19.2	21.6	24.0
				0	100	120	160	200	240	280	320	360	400
	(HP)	(kW)		H (m)									
HMV18-4-E114	4	3	5	46.3	44.2	43.4	41.4	39.1	36.7	34.1	30.8	25.6	19.0
HMV18-6-E311	5.5	4	4.7	70.1	66.4	66.3	63.4	60.0	60.5	52.4	47.6	39.6	29.9
HMV18-9-E318	10	7.5	12.9	106.4	102.8	101.3	97.2	92.4	87.3	81.6	75.0	63.5	48.5

